



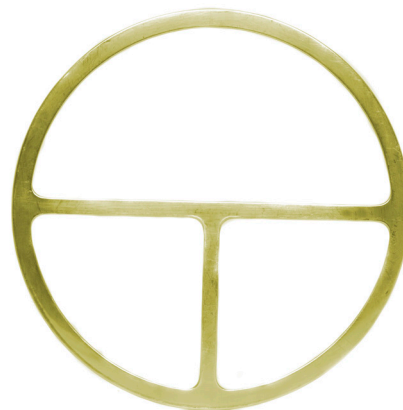
Metal Jacketed Gasket Technical Datasheet

Description

Metal jacketed gaskets consist of a soft, pliable core encased in a thin metallic jacket. The soft filler material provides compressibility and resilience to the gasket, while the outer jacket confers the necessary compressive strength and blow out resistance for higher pressure applications.

Application

Metal jacketed gaskets can be produced in a variety of configurations and in narrow widths, making them suitable for pressure vessel applications. A wide range of alloy materials and filler systems are available to suit every service condition. As well as vessel applications, jacketed gaskets can be used in valve bonnets, pumps, autoclaves and engine and exhaust systems.



Profiles



PM-P6
Double jacketed filled metal clad



PM-P8
Single jacketed filled metal clad



PM-P12
Corrugated Double jacketed filled metal clad

Other Profiles Available on request

Availability

Thickness 3mm as standard, other thicknesses on request

Standards Non standard configurations and bespoke ASME B16.20, ASME B16.47 Series A & B

Flange Surface Finish

The recommended a flange surface finish of 3.2 to 6.4µm RA (125 to 200RMS)

Filler Material

| Material | Temperature Min. (°C) | Temperature Max. (°C) | Pressure Max. (Bar) |
|---------------|-----------------------|-----------------------|---------------------|
| Graphite | -200 | 450 | 100 |
| APX2 Graphite | -200 | 500 | 100 |
| PTFE | -200 | 260 | 100 |

Jacket Material

Available in a range of alloys including but not limited to

| Material | Material |
|-----------|------------|
| Soft Iron | Alloy 600 |
| 304/304L | Alloy 625 |
| 316/316L | Alloy 800 |
| 321 | Alloy 825 |
| 347 | Monel 400 |
| 410 | Alloy B2 |
| S31803 | Alloy C276 |
| S32726 | Titanium |

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